

REPLY UNDER 37 CFR 1.116 – EXPEDITED PROCEDURE - TECHNOLOGY CENTER 3683AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A drum-in-hat disc brake assembly having a disc service brake and a drum-in-hat parking and emergency brake, the drum-in-hat disc brake assembly comprising:

a backing plate adapted to support a drum brake shoe assembly of the drum-in-hat parking and emergency brake;

a caliper bracket adapted to support a disc brake caliper assembly of the disc service brake; and

a drum-in-hat adapter adapted to support a disc brake caliper assembly of the disc service brake;

wherein the drum-in-hat parking and emergency brake includes a park brake cable end assembly including a lever pivotally supported on a link and a parking brake cable operatively connected to said lever, said lever including a main body, a first end and a second generally G-shaped end which is adapted to accommodate either said parking brake cable having a S-shaped cable end or a clevis shaped cable end, said G-shaped end having a rear leg, a bottom leg, a front leg and a slot formed therein, said slot including an outermost opening defined between a first surface of said front leg and a surface of said main body, an intermediate opening defined between a surface of said rear leg and a second surface of said front leg, and an innermost opening defined between said surface of said rear leg and a third surface of said front leg, wherein at least a portion of said surface of said main body is spaced apart from and in overlaying relationship with at least a portion of said first surface of said front leg so as to project over and cover said at least a portion of said first surface of said front leg and wherein when said parking brake cable is connected to said lever said parking brake cable can be pulled only in the direction of said front leg.

2. (Original) The drum-in-hat disc brake assembly according to Claim 1 wherein said lever is pivotally supported on said link via a pivot pin.

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3. (Original) The drum-in-hat disc brake assembly according to Claim 1 wherein said lever includes an extruded pin for pivotally supporting said lever on said link.

4. (Original) The drum-in-hat disc brake assembly according to Claim 1 wherein said lever includes an extruded pin for pivotally supporting said lever on said link.

5. (Cancelled)

6. (Previously Presented) The drum-in-hat disc brake assembly according to Claim 1 wherein said outermost opening defines a first opening dimension, said intermediate opening defines a second opening dimension, and said innermost opening defines a third opening dimension, said first opening dimension being generally constant, said second opening dimension being generally constant, and said third opening dimension being generally non-uniform and gradually increasing from said second opening dimension to a maximum dimension defined generally intermediate said second opening dimension and said third opening dimension, and then gradually decreasing as it extends toward said bottom leg.

7. (Original) The drum-in-hat disc brake assembly according to Claim 1 further including a boot seal.

8. (Original) The drum-in-hat disc brake assembly according to Claim 7 wherein said boot seal is operative to squeeze or press said lever and said link together.

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9. (Currently Amended) A drum-in-hat disc brake assembly having a disc service brake and a drum-in-hat parking and emergency brake, the drum-in-hat disc brake assembly comprising:

a backing plate adapted to support a drum brake shoe assembly of the drum-in-hat parking and emergency brake;

a caliper bracket adapted to support a disc brake caliper assembly of the disc service brake; and

a drum-in-hat adapter adapted to support a disc brake caliper assembly of the disc service brake;

wherein the drum-in-hat parking and emergency brake includes a park brake cable end assembly including a lever pivotally supported on a link and a parking brake cable operatively connected to said lever, said lever including a main body, a first end and a second end having a configuration which is adapted to accommodate either said parking brake cable having a S-shaped cable end or a clevis shaped cable end, said second end having a rear leg, a bottom leg, a front leg and a slot formed therein, said slot including an outermost opening defined between a first surface of said front leg and a surface of said main body, an intermediate opening defined between a surface of said rear leg and a second surface of said front leg, and an innermost opening defined between said surface of said rear leg and a third surface of said front leg, wherein at least a portion of said surface of said main body is spaced apart from and in overlaying relationship with at least a portion of said first surface of said front leg so as to project over and cover said at least a portion of said first surface of said front leg and wherein when said parking brake cable is connected to said lever said parking brake cable can be pulled only in the direction of said front leg.

10. (Original) The drum-in-hat disc brake assembly according to Claim 9 wherein said lever is pivotally supported on said link via a pivot pin.

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11. (Original) The drum-in-hat disc brake assembly according to Claim 9 wherein said lever includes an extruded pin for pivotally supporting said lever on said link.

12. (Cancelled)

13. (Cancelled)

14. (Previously Presented) The drum-in-hat disc brake assembly according to Claim 9 wherein said outermost opening defines a first opening dimension, said intermediate opening defines a second opening dimension, and said innermost opening defines a third opening dimension, said first opening dimension being generally constant, said second opening dimension being generally constant, and said third opening dimension being generally non-uniform and gradually increasing from said second opening dimension to a maximum dimension defined generally intermediate said second opening dimension and said third opening dimension, and then gradually decreasing as it extends toward said bottom leg.

15. (Previously Presented) The drum-in-hat disc brake assembly according to Claim 21 wherein said boot seal is operative to squeeze or press said lever and said link together.

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16. (Previously Presented) A brake lever adapted for use in a park brake cable end assembly of a parking and emergency brake portion of a drum-in-hat disc brake assembly comprising:

a lever including a main body, a first end and a second end, one of said first end and said second end having a generally G-shaped end configuration adapted to be operatively connected to either a parking brake cable having a S-shaped cable end or a clevis shaped cable end, said G-shaped end configuration having a rear leg, a bottom leg, a front leg and a slot formed therein, said slot including an outermost opening defined between a first surface of said front leg and a surface of said main body, an intermediate opening defined between a surface of said rear leg and a second surface of said front leg, and an innermost opening defined between said surface of said rear leg and a third surface of said front leg, wherein at least a portion of said surface of said main body is spaced apart from and in overlaying relationship with at least a portion of said first surface of said front leg so as to project over and cover said at least a portion of said first surface of said front leg and wherein when the parking brake cable is connected to said lever the parking brake cable can be pulled only in the direction of said front leg.

17. (Cancelled)

18. (Previously Presented) The drum-in-hat disc brake assembly according to Claim 16 wherein said outermost opening defines a first opening dimension, said intermediate opening defines a second opening dimension, and said innermost opening defines a third opening dimension, said first opening dimension being generally constant, said second opening dimension being generally constant, and said third opening dimension being generally non-uniform and gradually increasing from said second opening dimension to a maximum dimension defined generally intermediate said second opening dimension and said third opening dimension, and then gradually decreasing as it extends toward said bottom leg.

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19. (Original) The brake lever according to Claim 16 wherein said lever is formed from SAE 4140 steel heat treated to Rc 35-45.

20. (Original) The brake lever according to Claim 16 wherein one of said first end and said second end of said lever is slightly angled relative to a main body thereof.

21. (Previously Presented) The drum-in-hat disc brake assembly according to Claim 9 further including a boot seal.